

TRESTMAN, Abram Grigor'yevich; IVZHENKO, A.Kh., red.; SERGEYEV, A.N.,
tekhn. red.

[Methods of compiling streamflow data under different physico-
geographical conditions] Metody podscheta stoka rek v zavisimosti
ot fiziko-geograficheskikh usloviy. Leningrad, Gidrometeor.izd-vo,
1960. 187 p.

(Stream measurements)

KARAUSHEV, A.V.; MAKKAVEYEV, V.M., prof., doktor tekhn.nauk, otv.red.;
IVZHENKO, A.Kh., red.; KLAUM, M.Ya., tekhn.red.

[Wind waves and swells on reservoirs and lakes] Sgorno-nagonye
iavleniya na vodokhranilishchakh i ozerakh. Leningrad, Gidro-
meteor.izd-vo, 1960. 215 p. (MIRA 13:7)
(Waves) (Wind pressure) (Reservoirs)

RZHANITSYN, Nikolay Aleksandrovich; POPOV, I.V., otv.red.; IVZHENKO,
A.Kh., red.; SERGEYEV, A.N., tekhn.red.

[Morphological and hydrological characteristics of river systems]
Morfologicheskie i gidrologicheskie zakonomernosti stroenii
rechnoi seti. Leningrad, Gidrometeor.izd-vo, 1960. 237 p.
(Rivers) (MIRA 13:?)

GAVRILOV, Aleksandr Mikhaylovich, kand.geogr.nauk; KABANOVA, Kira
Sergeyevna, kand.geogr.nauk; PROSKURYAKOV, Andrey Konstantinovich,
kand.tekhn.nauk; IVZHENKO, A.Kh., red.; VLADIMIROV, O.G.,
tekhn.red.

[Principles of calculating water discharge at hydroelectric
power stations] Osnovy ucheta stoka na gidroelektrostantsiakh;
posobie dlja hidrologov. Leningrad, Gidrometeor.izd-vo, 1960.
342 p.

(Hydroelectric power stations)

KARAUSHEV, Anatoliy Vasil'yevich; MAKKAVEYEV, V.M., otv.red.; IYZHENKO,
A.Kh., red.; BRAYNINA, M.I., tekhn.red.

[Problems in the dynamics of natural water streams] Problemy
dinamiki estestvennykh vodnykh potokov. Leningrad, Hidrometeor.
izd-vo, 1960. 391 p. (MIRA 13:9)
(Hydraulics)

IVZHENKO, A.O.; NEKHAY, S.M.

Investigating the heating and cooling of multistage presses.
Stan. i instr. 28 no. 5:26-27 My '57. (MLRA 10:6)
(Power presses)

AUTHORS: Nekhay, S.M. and Ivzhenko A.O. (Engineers) 110-7-21/30

TITLE: A hydraulic 3500 ton platen press. (Gidravlicheskiy etazhnyy press na 3500 t.)

PERIODICAL: "Vestnik Elektropromyshlennosti" (Journal of the Electrical Industry), Vol.28, No.7, 1957, pp.65-66 (USSR).

ABSTRACT: The Dniepropetrovsk works has put into production press model #795 of 3500 tons which will be used in the manufacture of transformer parts. The size of the press platens is 3200 x 3200 mm and they can be heated to 150 C. The general design is described. A mathematical expression is given for the motion of the press platens and an expression is derived for the rate of movement of the press parts. The output of the press depends mainly on the rate of movement of the parts and the steps which are necessary to increase this speed are stated briefly. Fig.2 is a graph of the displacement of the moving parts of the press. The equations given may help manufacturers of electrical insulating materials to select the best operating conditions for hydraulic platen presses. There are 2 figures.

Card
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ASSOCIATION: Dniepropetrovsk works for Hydraulic and Technical

A hydraulic 3500 ton platen press. (Cont.) 110-7-21/30
presses. (Dnepropetrovskiy Zavod Gidravlicheskikh i
Mekhanicheskikh pressov).

AVAILABLE:

Card 2/2

IVZHENKO, A.O.

110-10-14/18

AUTHOR: Nekhay, S.M. and Ivzhenko, A.O., Engineers.

TITLE: A Press for Sheet Electrical Materials. (Press dlya
listovykh elektromaterialov)

PERIODICAL: Vestnik Elektropromyshlennosti, 1957, Vol.28, No.10,
pp. 69-71 (USSR)

ABSTRACT: This article describes a new 17-platen press of 1 200 tons type П708 produced by the Dnepropetrovsk Works (Dnepropetrovskiy Zavod) for medium hydraulic and heavy mechanical presses. A general illustration of the press is given in Fig. 1. It is a hydraulic press working on mineral oil at a working pressure of 180 kg/cm² with a total travel of 1 275 mm and a platen surface of 750 x 1 000 mm. The maximum stress in the most heavily-loaded pillar of the press is considered briefly and a design formula is given. A most important matter in press technology is the time of applying and releasing pressure and a brief mathematical analysis of this question is given.

In the manufacture of electrical insulating materials heating and cooling of the platens is important. The method of heating is by steam at a pressure of 4.7 kg/cm² and an inlet temperature of 153 °C. Heating data is given in Table 1. Cooling data using water at a pressure of 2 kg/cm² and a temperature of 12 °C is given in Table 2. The numbers in the

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A Press for Sheet Electrical Materials.

110-10-14/18

columns of the tables correspond to the numbers of the points on the diagram of the heating plate shown in Fig. 3. It is shown that the plates are heated up in 24 minutes and cooled in 12 minutes. When it is necessary to heat the plates more rapidly steam at pressures up to 12 kg/cm^2 can be used.

The output of the press depends on the material being pressed. The pressing and cycle time can vary very widely.

There are 3 figures, 2 tables and 1 Slavic reference.

ASSOCIATION: Dnepropetrovsk Press Works. (Dnepropetrovskiy Zavod Pressov)

SUBMITTED: May 27, 1957.

AVAILABLE: Library of Congress
Card 2/2

NEKHAY, S.M.; IVZHENKO, A.O.

Presses for gluing doors made of boards. Dar. prom. 7 no. 5:12-
13 My '58. (MIRA 11:7)

1. Dnepropetrovskiy zavod pressov.
(Doors)
(Gluing)
(Power presses)

SOV417-55-10-6/35

AUTHORS: Nekhay, S.M. and Ivzhenko, A.O., Engineers

TITLE: An Apparatus for the Automatic Control of the Level of the Liquid in the Cylinders of Pumping Storage Stations (Apparat dlya avtomaticheskogo kontrolya urovnya zhidkosti v ballonakh nasosno-akkumulyatornykh stantsiy).

PERIODICAL: Mashinostroitel', 1958, Nr 10, pp 7 - 8 (ESSR)

ABSTRACT: For the automatic control of the liquid level in the cylinders of pumping storage stations, mercury and floating apparatuses with inductive feelers are mainly used. These apparatuses have several shortcomings, among them the use of expensive metals, such as platinum and mercury. Therefore, assistants of the Eksperimental'nyy nauchno-issledovatel'nyy institut kuznechno-pressovogo mashinostroyeniya (Experimental Scientific Research Institute of Forging Press Machinebuilding) I.V. Kononov, T.Ya. Nedopovz and V.V. Sakharov, have developed an electrical contact apparatus which controls the liquid level in the cylinders and has none of the many defects of the former device. The new apparatus was manufactured in the forging press labor-

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SOV-117-58-10-6/35

- An Apparatus for the Automatic Control of the Level of the Liquid in the Cylinders of Pumping Storage Stations

atory of the Dnepropetrovskiy zavod srednikh gidravlicheskikh i tyazhelykh mekhanicheskikh pressov (Dnepropetrovsk Plant of Mean Hydraulic and Heavy Mechanical Presses) and successfully subjected to long laboratory tests. The apparatus can be used for the control of the level of electrically conductive (fig. 1 a) and non-conductive (fig. 1 b) liquids. In closing or breaking the circuit, an RPT-100 a.c. relay with a coil of 220 v rated voltage, inserted in the circuit, performs the operation. The resistance of the insulation of the electrodes equals 200,000 ohms. The cylindrical electrodes of the feelers have a small surface and thus are well suited to be circumflowed by the liquid. The electrode remains clean since the moving liquid removes any deposits. Tests were made with a motion of the liquid of 200 mm per second. All parts of the apparatus can be exchanged easily during operation. The use of weak-current relays does not cause any danger. There are 2 diagrams.

1. Liquid level gages--Design

Card 2/2

KOSTETSKIY, B.I.; IVZHENKO, I.P.; NATANSON, M.E.

Methods of studying the profile of sparking spots formed in
the spectral analysis of the friction surfaces of machine
parts. Zav. lab. 28 no.9:1081-1083 '62. (MIRA 16:6)

1. Kiyevskiy institut Grashdanskogo vozдушного флота.
(Spectrum analysis)
(Materials—Testing)

KOSTETSKIY, B.I.; IVZHENKO, I.P.

Dislocation model of processes of the cold welding of metals.
Avtom. svar. 17 no.5:18-20 My '64. (MIRA 17:11)

I. Kiyevskiy institut Grazhdanskogo vozduzhnogo flota.

ACC #: APOU30826

(N)

SOURCE CODE: UR/0021/66/000/011/1416/141;

AUTHOR: Kostets'kyy, B. I.; ^{Kostets'kyy, B. I.} Ivzhenko, I. P.; Boyko, A. S.

ORG: Institute of Civil Aviation Engineers (Institut inzheneriv "civil'noi aviatsii")

TITLE: Diffusion phenomena in plastic deformation of friction surfaces

SOURCE: AN UkrSSR. Dopovidi, no. 11, 1966, 1416-1417

TOPIC TAGS: metal diffusion, metal plastic deformation, metal friction, friction surface, friction surface deformation

ABSTRACT: The chemical composition of the surface layer of an L62 brass specimens subjected to friction tests in couple with heat-treated ShKh15 steel specimens has been studied. It was found that plastic deformation of brass induced by friction was accompanied by a diffusion of the greater mobility component, in this case zinc, to the friction surface. The depth of the diffusion-affected zone and the degree of heterogeneity depended on the specific stress and the rate of relative motion. The maximum concentration of zinc was found to be at the surface of the specimen (see Fig. 1). Orig. art. has: 1 figure.

Card 1/2

ACC NR: AP6036826

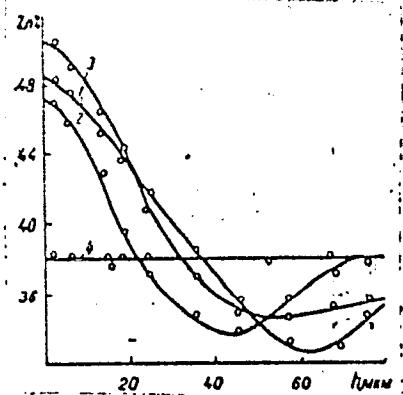


Fig. 1. Variation of zinc content along the depth of diffusion zone

1 - Relative displacement velocity 0.003 m/sec, surface layer temperature 20C, specific load 0.40 n/m²; 2 - same but a specific load of 0.20 n/m²; 3 - relative displacement velocity 5 m/sec, surface layer temperature 150C, specific load 0.001 n/m²; 4 - initial speci-men.

SUB CODE: 11,20/ SUBM DATE: 03Dec65/ ORIG REF: 007/ OTH REF: 003/

Card 2/2

L 45587-56 ENT(m)/T/EMP(t)/ETI IJP(c) JD/JG
ACC NR: AP6028714

SOURCE CODE: UR/0185/66/011/008/0917/0916

AUTHOR: Bohdanovych, A. S.; Ivzhenko, M. A.; Koval'ov, V. K.; Sykors'kyy, Yu. A.;
Yurachkiv'skyy, P. O.; Bryhynets', V. P.

40
39

B

ORG: Kiev Polytechnical Institute (Kyyiv's'kyy politekhnichnyy instytut)

TITLE: Dislocations^b and V-centers^{v1} in KCl crystals^{v1}

SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 11, no. 8, 1966, 917-918

TOPIC TAGS: potassium chloride, crystal lattice dislocation, x-ray coloring, color center, crystal absorption spectrum

ABSTRACT: This article endeavors to explain the role of dislocations in creating V-centers in KCl crystals subjected to x-rays at room temperatures. Four crystals of "pure" KCl grown from a melt by the Kyropoulos method (two each with dislocation density of $5 \cdot 10^6$ and $5 \cdot 10^4 \text{ cm}^{-2}$) were colored by x-rays at room temperature and their absorption spectra were then photospectrometrically measured. Comparison of graphs plotted from the results of "hard" and "soft" coloring showed that (1), other coloring conditions being equal, the crystals with more dislocations chiefly formed V₃-centers (218 m μ), while those with fewer dislocations gave only V₂-centers (230 m μ), and (2) the spectral makeup of V-absorption does not

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L 45587-66
ACC NR: AP6028714

depend on "hardness" of crystal coloration, not only refuting the view that "hard" and "soft" x-rays create V₃- and V₂-centers, respectively, but also suggesting that V₃-centers are defects formed either in or near the dislocations themselves, while V₂-centers form in the lattice far from them and require lattice vacancies. Further studies showed that the preceding assumption is true and that the V₂- to V₃-center ratio is stipulated by dislocation density and the number of "frozen" thermal vacancies in the crystal. In conclusion the authors thank Prof. M. P. Kalabukhov for interest in the work and useful discussions. Orig. art. has: 2 figures.

[26]

SUB CODE: 20/ SUBM DATE: 05Mar66/ ORIG REF: 002/ OTH REF: 007 / ATD PRESS:
5082

Card 2/2 *pla*

IVZHENKO, P. A.

Hoisting Machinery

Portable hoist. Sakh. prom., 26, No. 2, 1952

9. Monthly List of Russian Accessions, Library of Congress, June 1953? Uncl.

IYZHENKO, Ye. [Ivzhenko, IE.]

A stone casting plant. Znan. ta pratsia no.4:4-5 Ap '59.
(MIRA 12:10)

(Refractories industry)

Iwainsky, H.

GDR / Chemical Technology. Chemical Products and
Their Application. Fats and Oils. Waxes.
Soaps and Detergents. Flotation Agents.

H

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 32960.

Author : Iwainsky, H., Franzko, Cl.

Inst : Not given.

Title : Antioxidant Action of the Hydrazido of Isonicotinic Acid.

Orig Pub: Nahrung, 1958, 2, No 1, 53-60.

Abstract: Thoro has been studied the antioxidant action (AA) of the hydrazides of isonicotinic acid (I - hydrazides), isonicotinic acid and N-isonicotinyl-N'-acetyl-hydrazine, introduced into margarine during stirring at a concentration of 0.1-0.01% Margarine specimens were kept at 25° in diffuse daylight; at definite time intervals, their perox-

Card 1/2

IWANCIW, Eugeniusz, inz.; KOZUB, Wladyslaw

Forms of cooperation of scientists, engineers, technicians, and workers in Krakow Voivodeship. Przegl mech 21 no.9/10:314-315. 10-25 My '62.

1. Przewodniczacy Wojewodzkiego Komitetu Planowania Naczelnaj Organizacji Technicznej, Krakow (for Iwanciw) Przewodniczacy Wojewodzkiej Komisji Związkow Zawodowych, Krakow (for Kozub).

Wanted Evidence

The effect of pressure on the reduction process of metal oxides by carbon. *Emilien Lecomte*. Arch. Générat. Min. 1931, 331-380 (1931).—The investigation of the reduction process was carried out with two materials, NiO and Mn_2O_3 . According to L., the reduction proceeds in 3 stages: (1) $\text{MO} + \text{CO} \rightarrow \text{M} + \text{CO}_2$, (2) Boudouard reaction, $2\text{CO} \rightleftharpoons \text{CO}_2$, (3) "binary diffusion" of CO and CO_2 through the residue of metal. The investigation showed that the layer of metal produced in the first stage of reduction is not uniform but has numerous fissures because of the density changes during the process of reduction from M^{+2} to M^0 . These fissures are responsible for the penetration of the reducing gases into the unreduced parts and the outflow of the gaseous product of reduction CO_2 . The experimental data show definite effect of the temp. on the rate and degree of reduction, both of which increase with increasing temp. The effect of the pressure in the range between 1 and 3 atm is very slight. There is a considerable deceleration of the reduction process near the abs. vacuum. The latter clearly indicates the gaseous character of reduction process. The max. reduction rate of the metal oxides within a given temp. range corresponds to an optimum pressure P equal to the sum of the partial pressures of CO and CO_2 of the reduction system. The values of P show a tendency to increase with increasing temp. 32 references. M. G. H.

M. G. H.

Chemical Conversion of Carbon Dioxide on the Argonne Program

of Metal Oxide Reduction

by J. W. Johnson, Jr., R. E. Hinde, and C. C. Price
Argonne National Laboratory, Lemont, Illinois

The reduction of carbon dioxide ($MnO_2 + CO_2 \rightarrow Mn + CO$) is the predominant reaction $CO_2 + C \rightarrow 2CO$ by the conversion of CO_2 and C throughout the reduced metal. The carbon decreases the methanation of carbon dioxide under iron by a factor of 1000 times. In addition, the reduction of carbon dioxide is dependent upon the reduction of carbon monoxide. These reduce the reduction of carbon monoxide at a rate of 1000 times faster than the reduction of carbon dioxide. The reduction of carbon dioxide is dependent upon the reduction of carbon monoxide. The reduction of carbon dioxide is dependent upon the reduction of carbon monoxide.

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"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000619320014-5

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000619320014-5"

Tuwanow, E.

Optimal Conditions for Reduction of
Metal Oxides by Carbon. E. Iwanow.
Bud. Acad. Polonaise Sci (Warszawa), No.
2, 1955, pp 98-101

I want my family
P O L .

Determination of the optimum conditions for reduction of
metals oxides with carbon. British Journal of Applied
Physics, Vol. 8, No. 10, p. 333 (English summary), cf. CA, 48, 11576a.

In some theoretical treatments for best conditions of metal oxides reduction with C, the mechanism of reduction process is not given in his earlier exptl. work. The formulas he applies only to oxides stable at the reduction temp., and where the reduced metal at that temp. is not volatile. Assuming that only pure metal oxides (MO), metals (M), C, CO₂ and CO₃ are favored and the latter compds. are being like ideal gases, the following formulas are derived: $P_{opt} = K_1 K_2 (K_1 + 2)/4$ and $\Delta P_{opt} = K_1 K_2^2/4(K_1 - 1)$, where P_{opt} = optimum pressure at which the reduction attains the highest velocity at a given temp.; $K_1 = p_{CO}/p_{CO_2}$ for the reaction $MO + CO \rightleftharpoons M + CO_2$; $K_2 = p_{CO_3}/p_{CO_2}$ for the reaction $CO_2 + C \rightleftharpoons 2CO$, and $\Delta P_{opt} = \max.$ deviation from the state of equl. (as far as pressure is concerned). It is apparent that the optimum pressure increases with an increase in K_1 .

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APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619320014-5"

IMANCIW, E.

Optimal conditions for reduction of metal oxides by carbon, p.99.
BULLETIN. Vrsovie
Vol. 3, no. 2, 1955. In English

So. East European Accessions List Vol. 5, No. September 1956

IWANCIW, E.; GOLONKA, J.

Vacuum melting of copper. p. 93.
(ARCHIWUM HUTNICTWA. Vol. 2, No. 1, 1957, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, Sept. 1957 Uncl.

IWANCIW, Emilian

Scientific activities of Prof. Aleksander Krupkowski.
Metal i odlew no.7:7-33 '61.

1. Katedra Metalurgii Metali Nielazowych, Akademia Gorniczo-Hutnicza, Krakow.

LWANCIW, E.

IWANCIW, Emilian, prof. dr inz.

Mechanism and kinetics of the process of reducing metal oxides with carbon.
Rudy i metale 8 no.7:244-248 Ja '63.

... 17 Vol. 3/3 Public Health Nar. 57

- 1018 IWAŃCZUK I. Zakł. Parazytol. Lek. PZH, Warszawa. *Badania ścieków miejskich na obecność jaj ludzkich robaków jelitowych. The examination of town sewers for the presence of the eggs of human intestinal worms WIAD. PARAZYTOL. 1956, 2/5 suppl. (85-86) Two phases, liquid and solid, were separated by means of a modification of Baermann's and Imhoff's funnels. To discover eggs in sewer sediment the flotation method with zinc sulphite was applied. The liquid over the sediment was examined in Seitz's apparatus using membrane filters. The efficacy of the method was tested in a number of experiments. 62 l. of sewer content from Warsaw's quarters on both sides of the Vistula river, were examined. Samples were taken every 7 to 10 days during 9 months. A total of 230 eggs of the following species were discovered: Ascaris lumbricoides, 179 eggs; Trichuris trichiuria, 25; Taenia sp., 11, Diphyllobothrium latum, 6; Enterobius vermicularis, 2.

IWANCZUK, Irena; DOZANSKA, Wiera (Warszawa)

Effect of chlorination on survival of Ascaris eggs in sewage.
Wiadomosci parazyt., Warsz. 2 no. 5 Suppl:87-88. 1956.

1. Zaklad Parazytologii Lekarskiej i Higieny Komunalnej PZH.

(ASCARIS,

eggs in sewage, eff. of chlorination (Pol))

(SEWAGE,
Ascaris eggs, eff. of chlorination (Pol))

(CHLORINE, effects,
on sewage Ascaris eggs (Pol))

IWANCUK, I.; WOLOWSKA, J.; SOBKOWICZ, H. (Warszawa)

Effect of invasive diseases on the nervous system in school children. Wiadomosci parazyt., Warsz. 2 no.5: Suppl:123-124. 1956.

1. Zaklad Parazytolodii Lekarskiej PZH i Centralna Poradnia Miedzyzakolna M.Z.

(NERVOUS SYSTEM, in various diseases,
helminthiases in child. (Pol))

(HELMINTH INFECTIONS, physiology,
nervous system in child. (Pol))

POL'ND/Chemical Technology. Chemical Products and Their
Applications. Water Treatment. Sewage.

H

Abs Jour: Ref Zhur-Khim., No 8, 1959, 27920.

Author : Iwanczuk, I. and Bozanska, W.

Inst :

Title : Effect of Chlorination on the Survival of Ascaris suis
Eggs in Waste Waters.

Orig Pub: Acta Parasitol Polon, 5, No 13-21, 429-448 (1957) (in Polish
with an English summary)

Abstract: The effect of different chlorinating chemicals (Cl_2 ,
Ca and Na hypochlorite, calcium chloride, chloramine
T) on cultures of ascaris suis eggs has been inves-
tigated. Concentrations of 100-10,000 mg/liter were
used (calculated on an active Cl basis). It is shown

Card : 1/2

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IWANCUK, Irena; STOBNICKA, Irena

Observations concerning infection by means of intestinal parasites
in children in the Central Mental Health Dispensary. Pediat polska
32 no.2:131-141 Feb 57.

1. Z Zakladu Parazytologii Lekarskiej PZH w Warszawie Kierownik:
dr. med. M. Janicki. Adres: Warszawa, ul. Chocimska 24, PZH.
(HELMINTH INFECTIONS, in inf. & child
intestinal, hosp. statist. (Pol))
(INTESTINES, dis.
helminth infect., hosp. statist. (Pol))

IWANCUK, Irena

Helminth eggs in sewage in Warsaw. Wiadomosci parazyty., Warsz. 4 no.5-6:
539; Engl. transl. 539-540 1958.

1. Z Zakladu Parazytologii PZH w Warszawie.
(SEWAGE, microbiology,
helminth eggs (Pol))
(HELMINTHS,
eggs in sewage (Pol))

IWANCUK, I.; DOZANSKA, W.

Effect of various chemical compounds on viability of *Ascaris* sp.
Wiadomosci parazyty., Warsz. 4 no.5-6:541-542; Engl. transl. 542 1958.

1. Z Zakladu Parazytologii i Zakladu Higieny Komunalnej PZH w
Warszawie.

(ASCARIS, effect of drugs on
(Pol))

IWANCZUK, Irena; MACIEREWICZ, Maria; HORBOWSKA, Hanna; TRUCHANOWICZ, Zofia

Co-existance of bacterial syndromes and intestinal parasites in infant diarrheas. Wiadomosci parazytyczne, Warsz. 4 no.5-6:513-514; Engl. transl. 514-515 1958.

1. Z Zakladu Parazytologii PZH i Szpitala Zakaźnego nr 3 w Warszawie.
(DIARRHEA, in infant and child,
intestinal bact. & parasites (Pol))
(HELMINTH INFECTIONS, complications,
inf. diarrhea (Pol))

IWANCUK, Irena; LUKASIAK, Jakub

Studies on parasitic fauna in rat Rattus (Rattus norvegicus Erx. with special reference to carriage of Hymenolepis nana and Giardia intestinalis. Wiadomosci parazyt., Warsz. 4 no.5-6:701; Engl. transl. 702 1958.

1. Z Zakladu Parazytologii PZH w Warszawie.
(TAPEWORM INFECTION,
hymenolepasis nana in rats (Pol))
(GIARDIASIS,
in rats (Pol))
(RATS, dis.
giardiasis & hymenolepasis nana (Pol))

LUKASIAK, Jakub; IWANCUK, Irena

A particular case of cysticercosis in white mouse. Wiadomosci parazyt., Warsz. 4 no.5-6:705; Engl. transl. 706 1958.

1. Z Zakladu Parazytologii PZH w Warszawie.

(CYSTICERCOSIS,
in white mouse, spontaneous (Pol))
(MICE, dis.
cysticercosis, spontaneous (Pol))

IWANCZUK, Irena

Studies on the dynamics of the development of the *Leishmania* population. *Wiadomosci parazyty.* 7 no.2:469-474 '61.

1. Zaklad Parazytologii Lekarskiej P.Z.H., Warszawa.

(*GIARDIA*)

IWANCZUK, Irena

On the differentiation of trophozoites and cysts in the *Lamblia* sp.
Wiadomosci parazyt. 7 no.2:475-477 '61.

1. Zaklad Parazytologii Lekarskiej P.Z.H., Warszawa,

(GIARDIASIS physiol)

IWANCZUK, Irena

Studies on the municipal composts for the presence of ova of human
intestinal helminths. Wiadomosci parazyt. 7 no. 2:485-489 '61.

1. Zaklad Parazytologii Lekarskiej P.Z.H., Warszawa.

(FERTILIZERS parasitol) (HELMINTES)

IWANCZUK, Irena

Attempts to control oxyuriasis among children in Warsaw kindergartens. Wiadomosci parazyt. 7 no.2:499-501 '61.

1. Zaklad Parazytologii Lekarskiej P.Z.H., Warszawa.

(OXYURIASIS ther) (PIPERAZINES ther)

POLAND

IWANCUK, Irena (with technical assistance of STOBNICKA, Irena), Department of Medical Parasitology (Zaklad Prazytologii Lekarskiej), PZH [Panstwowy Zaklad Higieny, State Institute of Hygiene) in Warsaw

"Detection of Eggs of Human Intestinal Parasites in Fruits and Vegetables from Warsaw Markets."

Warsaw, Przeglad Epidemiologiczny, Vol 17, No 3, 63, pp 223-230

Abstract: [Author's English summary modified] Radishes, lettuce, cucumber, carrots, tomatoes, and strawberries from five markets in various districts of Warsaw were examined. Lettuce and strawberries were found to play the chief role in spreading parasite eggs. Sour juice from souring cabbage and cucumber did not destroy Ascaris eggs. Control of manure used in the fields and orchards is essential. There are 46 references, about 30 of which are Soviet, and the others about half Eastern and half Western.

1/1

GRABINSKI, Andrzej; IWANCUK, Irena

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POLAND

IWANCZUK, Irena.

Department of Parasitology, State Institute
of Hygiene (Zaklad Parazytologii P.Z.H.
(Panstwowy Zaklad Higieny), Warsaw.

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30 June 1965, pp 227-258

"Studies on the course of infection with Lamblia
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IWANOWSKA, Irena

The degree of sewage purification and its effect on the number
of eggs from parasites. *Wiad. parazytol.* 10 no. 4:413-414 '64

Instytut Parazytologii Lekarskiej Polskiego Zakladu Higieny,
Warszawa.

GOMOLISZEWSKI, Jerzy, prof.; IWANEJKO, Józef, mgr. inż.

Geodetic inventory of underground canal networks and
installations in cities and suburban settlements.
Przegl geod 35 no.2:58-66 F '63.

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Economic reasons for the utilization of waste calcium carbide.
p. 30

OBSTET, WARSAW, 1956 vol. 10, no. 2, May 1956

Poland

SO. EASY PRACTICE AND MEDICAL LIST vol. 1, no. 10 Oct. 1956

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"Energopomiar". Energetyka Pol 16 no.3:9-11 of Bulletin
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1. Dzial Przyrzadow Pomiarowych, Zaklad Badan i Pomiarow "Ener-
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IWANEK, Stanislaw, mgr inz.; POCIECHA, Zygmunt, mgr inz.

Difficulties in determining the oxygen content in feed water.
Energetyka Pol 17 no.1+Suppl.: Energopomiar 9 no.1:5-8 Ja '63.

1. Dzial Przyrzadow Pomiarowych, Zaklad Badan i Pomiarow
Energopomiar, Warszawa (for Iwanek). 2. Dzial Chemiczny,
Zaklad Badan i Pomiarow Energopomiar, Warszawa (for Pociecha).

IWANEK, Stanislaw, mgr inz.

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Pol 17 no.9:Supplement: Energopomiar 9 no.5:36 S '63.

1. Dzial Przyrzadow Pomiarowych, Zaklad Badan i Pomiarow,
Instytut Energetyki, Warszawa.

IWANEK, Stanislaw, mgr inz.

Remarks on thermocouples and their indicating devices. Pt. 2.
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1. Pion Przyrzadow Pomiarowych, Zaklad Badan i Pomiarow, Warszawa.

✓ 4439 L-forms in Shigella. J. Swanson and A. Gruenbaum
Acta Microbiol. 1953 ~~described the effects of penicillin~~
on 7 strains of Shigella. Shigae was added to the agar and
the growth in the L-form appeared only in media con-
taining penicillin at concentrations above 1000 U/ml. S. flexneri
and S. boydii did not form L-forms. In the presence of penicillin
the L-forms did not grow. No growth was observed after trans-
ferring the culture to tetracycline. Only small colonies were
formed in the presence of cefotamphenicol with S. boydii but no
L-forms. The L-forms did not grow in the presence of penicillin at concn. above 1000 U/ml. The
L-forms grew in a medium containing 1000 U/ml of penicillin.

71

~~REF ID: A1442~~

✓ 443. L-forms in Shigella. D. Iwamoto and Z. Kishimoto: *Acta med. polon.* 1985, 64(1). The effects of potassium, chloramphenicol, specific immune serum, and of bacteriophage on 7 strains of *Shigella* (*S. shigaee*, *S. sonnei*, and *S. flexneri*) was studied. The growth in the L-form appeared only on media containing penicillin at concentrations above 1000 IU/ml. No reduction in the rods was observed and no growth was obtained after transferring the culture to fresh medium. Only large round bodies were formed in the presence of chloramphenicol and *Shigella* serum, bacteriophage and of penicillin at concentrations below 100 IU/ml. The morphology of *Shigella* L-cultures is different from that of *Proteus* L-form. B. Vitez

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IWANICKI, F.

"Method of Training Signal Corps Troops," by F. IWANICKI. Przeglad Lacznosci,
Ministry of National Defense, Warsaw, Dec 55.

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We should use local materials for the construction of drying houses. Przegl. budowl. i bud. mieszk. 33 no. 5:306 My'61

IWANICKI, S.

"Crossing The River By A Water Pipe Ø 1000 mm." p. 342. (Gospodarka Wodna, Vol. 13,
no. 9, Sept. 1953, Warszawa)

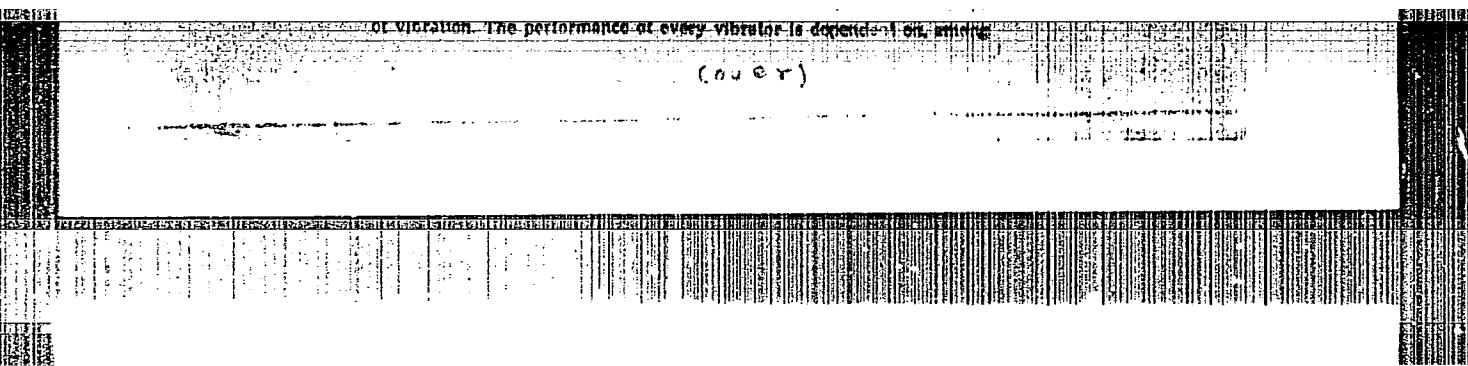
SO: Monthly List of ~~newspaper~~ Accessions, Library of Congress, February, 1954 ~~1953~~, Uncl.

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type of vibrator used. Methods of controlling the quality of vibrated concrete.

APPROVED FOR RELEASE: 03/20/2001

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IWARICKI, S.

Plasticity of concrete. p.437.
GGGFODARZA WOLNA (Naczelna Organizacja Techniczna) Warszawa
Vol. 14, no. 11, Nov. 1954

So. East European Accessions List Vol. 5, No. 9 September 1956

IWANICKI, S.

IWANICKI, S. Regarding the technical conditions of completing the earthworks in
the construction of water conduit. P. 395. Vol. 16, no. 9, Sept. 1956.
GOSCIA WODNA. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL), vol. 6, no. 4--April 1957

IWANICKI, S.

Plasticization of concrete in hydraulic engineering. p. 72. (Gospodarka
Wodna, Vol. 17, No. 2, Feb 1957, Warsaw, Poland)

SG: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

Iwanicki

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Again on temporary technical conditions of earthwork for pipe installation.

p. 492 (Gospodarka Wodna) Vol. 47, No. 10, Oct. 1957, Warsaw, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

P/526/62/003/004/001/002
A055/A126

AUTHORS: Ampel, Roman, Iwaniszewska, Cecylia

TITLE: A preliminary estimate of the ratio of dust to neutral hydrogen density in the Cassiopeia and Sagitta fields

SOURCE: Towarzystwo Naukowe w Toruniu. Studia. Sectio F. Astronomia.
v. 3, no. 4, 1962, 1 - 10

TEXT: This is Part IVa of the paper "A Study of Galactic Structure in Four Selected Fields in Aquila-Sagitta and Cassiopeia". Subsequent to the study of the galactic structure in two selected fields in Sagitta and Cassiopeia, the authors calculated the dust density in the dark absorbing clouds observed in both fields, as well as the dust-to-neutral hydrogen ratio. The results of this calculation (giving, as emphasized by the authors, only a rough estimate, i.e. a possible density range, rather than definitive and certain values) are stated in the present article. Two clouds (D_1 , D_2) were identified in Cassiopeia. In Sagitta, the regions showing strong obscuration could also be treated as two clouds (D_1 , D_2), according to the degree of obscuration. The density s of a dust par- ✓

Card 1/3

P/526/62/003/004/001/002
A055/A126

A preliminary estimate of the ratio of...

ticle was taken equal to 1.1 g cm^{-3} , according to v. d. Hulst. The clouds were assumed to be oblate spheroids. The chemical composition of the grains was assumed the same in Cassiopeia and Sagitta. The dust density was obtained from formula:

$$g_{\alpha} = \frac{4/3 \pi a^3 s A}{3.34 \times 10^{21} a^2 Q} \quad (4)$$

for spherical grains (a being the radius of a particle, A the extinction and Q the efficiency factor) and from formula:

$$g_{\alpha} = 4/3 \pi a b^2 s N \quad (6)$$

for nonspherical particles (a and b being the semi-axes of the ellipsoidal dust grain model, N the number of particles per cm^3). The results of the calculation are grouped in two tables. The first table gives position, distance (in %), extinction and depth (in %) of the clouds D_1 , D_2 of Cassiopeia and Sagitta, as well as the values for the dust-density and the dust-to-hydrogen ratio. The second table gives a comparison of the dust density and the dust-to-hydrogen ratio in the clearest region (in Cassiopeia) and the darkest region (in Sagitta).

Card 2/3

A preliminary estimate of the ratio of...

P/526/62/003/004/001/002
A055/A126

The dust density differences in both fields (Cassiopeia and Sagitta) are resulting from the different cloud depths. The greater density in Cassiopeia is only apparent, since the cloud dimensions in this region are 2 - 3 times smaller than in Sagitta. There are 2 tables.

Card 3/3

0/269/53/000/003/024/036
AC01/A1.01

AUTHORS: Ampel, R., Iwaniszewska, C.

TITLE: Investigations of dust density in the constellations Cassiopeia and Sagitta

PERIODICAL: Referativnyj zhurnal, Astronomiya, no. 3, 1963, 40 - 41, abstract 3.51.319 ("Postępy astron.", 1952, v. 10, no. 1, 57 - 59, Polish)

TEXT: See abstract 28. The authors investigated the density of interstellar dust in directions of the constellations Cassiopeia and Sagitta. The average density of spherical particles (radius = 3.1×10^{-5} cm) was derived to be of the same order of magnitude (higher by a factor of 1.5 - 2) as that of elliptical particles of radius 3.1 and 1.55×10^{-5} cm, i.e. for Cassiopeia the density is 1.8 and 3.3×10^{-25} cm^{-3} , for Sagitta the density is 1.2 - 1.7 and 1.6×10^{-26} cm^{-3} . The authors considered also the model of a non-spherical, elongated lamboile particle. An intermediate value was derived for their density. It follows therefrom that the assumed shape of dust particles is not a decisive factor in determining the density of dust particles. A comparison of densities

Card 1/2

Investigations of dust density in the...

8/469/03/000/003/024/035
A001/A201

of interstellar dust in clouds, in dark regions of the sky and in bright regions, led to the following results:

In Cassiopeia: bright region 0.05×10^{-25} , cloud $2.8 \times 10^{-25} \text{ cm}^{-3}$,

In Sagitta: dark region 0.2×10^{-25} , cloud $1.2 \times 10^{-25} \text{ cm}^{-3}$.

The densities obtained are compared with neutral hydrogen densities (on the basis of Dutton observations at the 21-cm wavelength). The carbon-hydrogen ratio was estimated within the limits 0.4 - 1.0.

M. Więsławski

[Abstracter's note: Complete translation]

Card 2/2

AMPEL, Roman; IWANISZEWSKA, Cecylia

The density of stars and the interstellar center in the Galaxy.
Postepy fizyki 13 no.3:353-359 '62.

1. Obserwatorium Astronomiczne, Uniwersytet M.Kopernika, Torun.

9.1700

40247

S/169/62/000/007/127/149

D228/D307

AUTHORS: Gorgolewski, S., Hanasz, J., Iwaniszewski, H. and Turio, Z.

TITLE: Log-periodic aerial interferometer for radioastronomy

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 7, 1962, 4, abstract 7G19 (Bull. Acad. polon. sci., Sér. sci. math., astron. et phys., 9, no. 9, 1961, 689-691)

TEXT: A report is given about the creation of an interferometer (base of 26 m) with log-periodic aerials having the parameters: $\alpha = 60^\circ$, $\gamma = 37^\circ$, and $\tau = 0.6$. These ensure that the gain of the aerials is about 6 db relative to the dipole in the band 100 - 1000 Mc/s when the width of the radiation pattern of each of the aerials is 100° . The advantages of aerials with a log-periodic structure are pointed out. Abstracter's note: Complete translation. / X

Card 1/1

IWANISZEWSKI, H.

Determination of intersteller extinction and density of stars
in the Aquila field. Postepy astronom 10 no.1:67 Ja-M '62.

GORGOLEWSKI, S.; HANASZ, J.; IWANISZEWSKI, H.; TURLO, Z.

Radio observations of the solar eclipse of February 15, 1961
on wave lengths 236 cm. and 91,7 cm. Postepy astronom 10
no.2:133-135 '62.

GORGOLEWSKI, S.; HANASZ, J.; IWANISZEWSKI, H.; TURLO, Z.

The triple antenna interference system of the Astronomical
Observatory of the N.Copernicus University in Torun for
wave length 9,32 m. Postepy astronom 10 no.2:136-137
'62.

GORGOLEWSKI, S.; HANASZ, J.; IWANISZEWSKI, H.; TURLO, Z.

Radio observations of the sun with waves of the frequency 127
Mc/s in the year 1959. Postepy astronom 10 no.2:137-141
'62.

GORGOLEWSKI, S.; HANASZ, J.; IWANISZEWSKI, H.; TURLO, Z.

Occultation of the radio source Taurus A by the solar corona in
the year 1961. Postepy astronom 10 no.2:141-143 '62.

S/174/63/000/002/004/019
A035/A126

AUTHORS: Gorgolewski, S., Hanasz, J., Iwaniszewski, H., Turb, Z.

TITLE: Logarithmic-periodical antennas

PERIODICAL: Referativnyy zhurnal, Radiotekhnika i Elektronika, no. 2, 1963,
35, abstract 2A211 (Postępy astron., 1962, v. 10, no. 2, 143 - 1451
Polish)

TEXT: The application of logarithmic-periodical antennas to an interferometer consisting of two antennas in the range of from 100 to 1,000 Mc with a 26-m base is described. The standing wave ratio is equal to 1.62 for 127 Mc and to 1.16 for 127 Mc. The advantages of the interferometer in the observation of the Sun at a 100°-angle of visibility are pointed out. There are 2 references.

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[Abstracter's note: Complete translation]

Card 1/1

GORGOLEWSKI, S.; HANASZ, J.; IWANISZEWSKI, H.; TURLO, Z.

The 127 Mc/s solar radio emission in the year 1959. Acta astronomica
12 no.1:75-83 '62.

1. Astronomical Observatory, Nicholas Copernicus University, Torun,
and Institute of Astronomy of the Polish Academy of Sciences, Torun.

GORGOLEWSKI, S.; HANASZ, J.; IWANISZEWSKI, H.; TURLO, Z.

Interferometric investigations of the outer solar corona at the
32.1 Mc/s band. Acta astronom 12 no.4:251-260 '62.

1. Nicholas Copernicus University, Astronomical Observatory,
Torun, and Polish Academy of Sciences, Astronomical Institute,
Astrophysics Laboratory, Torun.

IWANISZEWSKI, H.; TURLO, Z.

A two-aerial interferometer for the 100-156 Mc/s band. Biul
astr Cz 14 no.3:106 '63

1. Astronomical Observatory, Torun.

IWANISZYN, Frantisek

Frantisek Sadlik; obituary. Drevo 18 no.1:9 Ja '63.

1. Rediteł, Sdruzeni podniku nabytkarskeho prumyslu.

IWANISZYN, Frantisek

Productivity and quality, the motto of the Communist industry.
Dreve 19 no.4:121-122 Ap '64

1. Manager of the Sdruzeni podniku nabytkarskeho pruzsalu, Brno.

EXCERPTA MEDICA Sec 11 Vol 9/1 Q.R.L. Jan 56

172. JANKOWSKI W. and IWANKIEWICZ S. Klin. chor. Ucha, i Gardla Akad. Med. we Wrocławiu; Głównego Ośrodka Badań Lotniczo-Lekarskich L. P. Z., Wrocław. "Sluch w ostrym niedoborze tlenuowym. Hearing in acute oxygen deficiency" OTOLARYNG. POL. 1955, 9/1 (15-23) Graphs 7
Seventy-one fliers with good hearing were examined, and their threshold audiograms determined in a low-pressure chamber, at a hypotension corresponding to an altitude of 6500 m. No changes in relation to the threshold curves were found in normal conditions. In the 2nd part of the work the staff of the clinic and patients with a normal organ of hearing were examined. Over 200 experiments consisted in overloading during 5 min. with various tones of the intensity of 60 and 80 db. After overloading with the tone 4096 c.p.s. of the 80 db. intensity, the losses of an average depth of 10 db. were observed, these being compensated averagely 20-60 sec. later. The same experiment was made on 25 fliers on the ground. An average loss of 10 db. regained its threshold value after 20 sec. In the same persons the hearing was overloaded in conditions of oxygen deficiency with a tone of 4096 c.p.s. of an 80 db. intensity during 5 min., i.e. as in the experiments in the 2nd part of the work. After 10 sec. of fatiguing tone, an average loss of 27.6 db. was found. This loss was compensated only after 3 min., on the average, up to the loss 10 db. deep. In the next group including 26 cases, experiments, identical with the above-mentioned ones.

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were carried out with the only difference that the loss was controlled by a tone 1.5 octave higher than the fatiguing one. The losses were on the whole larger and withdrew more slowly. Both in the III and in the IV part of the experiments the examined persons who tolerated the oxygen deficiency badly showed larger losses of hearing and slower regression of the latter than the persons who tolerated the oxygen deficiency well.

Jankowski - Wroclaw

IWANKIEWICZ, Stanislaw; KUBICZ, Stanislaw

Case of hyoid osteomyelitis. Polski tygod. lek. 10 no.52:
1677-1678 27 Dec 55.

l. Z Kliniki Otolaryngologicznej A.M. we Wrocławiu; kierownik:
prof. dr. W. Jankowski i z Kliniki Radiologicznej A.M. we Wrocławiu;
kierownik: dr. Z. Kubrakiewicz. Sulejówek k/Warszawy, ul.
Pulaskiego 6.

(HYOID BONE, diseases,
osteomyelitis (Pol))
(OSTEOMYELITIS,
hyoid bone. (Pol))

IWANKIEWICZ, Stanislaw, Wroclaw

Effect of the clinical condition of the nasal cavity on patency
of the Eustachian tube in rapid changes of atmospheric pressure.

Przgl.lek., Krakow 11 no.9:272-274 1955.

1. Z Kliniki Chorob ucha, nosa i gardla A.M. we Wroclawiu. Kierow-
nik: Prof. dr W. Jankowski i z Glosnego Osrodka Badan Lotniczo-
Lekarskich L P Z we Wroclawiu. Kierownik: Lek. med. W. Korgaszowski.

(NASAL CAVITY, diseases

eff. on patency of Eustachian tube in rapid changes
of atmospheric pressure)

(EUSTACHIAN TUBE, physiology

patency in various clin.cond. of nasal cavity in rapid
changes of atmospheric pressure)

(ATMOSPHERIC PRESSURE

changes, eff. on patency of Eustachian tube in various
clin.cond. of nasal cavity)

KORNASZEWSKI, Waclaw; IWANKIEWICZ, Stanislaw. Wroclaw 14, ul. Zimowa 5.

Treatment of whooping cough by lower barometric pressure;
low-pressure chamber. Pediat.polska 30 no.11:1071-1074 Nov.'55.
(WHOOPING COUGH, therapy,
low-pressure chamber)
(ATMOSPHERIC PRESSURE, therapeutic use,
whooping cough, in low-pressure chamber)

JANKOWSKI, Wiktor; BIRECKI, Wladyslaw; IWANKIEWICZ, Stanislaw;
ZIEMSKI, Zbigniew

Compensation of hearing loss after charging the ear with a
pure sound. Otolaryngol. polska 10 no.2:145-148 1956.

1. Z Kliniki Otolaryngol. A.M. we Wrocławiu Kier. prof. dr.
W. Jankowski i z Ośrodka Badawczo-Leczniczego Chorob Zawodowych
we Wrocławiu Kier. dr. Wl. Birecki.

(HEARING, physiology,
loss of hearing after exposure to pure tone, recovery
of hearing loss by controlled tones (Pol))

(SOUNDS, effects
(same)

IWANKIEWICZ, Stanislaw

A mobile head-rest for ear surgery. Otolar.polska 13 no.3/4:
649-650 '59.

1. Z Kliniki Otolaryngologicznej A.M. we Wrocławiu. Kierownik:
prof.dr W. Jankowski.
(EAR surg.)

IWANKIEWICZ, Stanislaw

Per- and postoperative investigation of patency of the nasolacrimal duct. Otolar.polska 14 no.2:233-238 '60.

1. Z Kliniki Otolaryngologicznej A.M. we Wrocławiu, Kierownik:
prof.dr med. W.Jankowski.
(LACRIMAL APPARATUS surg)

IWANKIEWICZ, Stanislaw; WNUCZAK, Eugeniusz

Microscope for ear surgery. Otolar.polska 14 no.2:267-269 '60.

1. Z Kliniki Otolaryngologicznej A.M. we Wrocławiu, Kierownik:
prof. dr med. W. Jankowski i z Zakładu Optyki Katedry Fizyki
Politechniki Wrocławskiej, Kierownik: doc.inz. Z.Bodnar.
(MICROSCOPY equip & supply)
(EAR surg)

IWANKIEWICZ, Stanislaw

Speech audiometry. II. Otolaryngologia polska 15 no.1: 26-36 '61.

1. Z Kliniki Otolaryngologicznej AM we Wrocławiu Kierownik: prof.
dr med. W. Jankowski.

(AUDIOMETRY)

IWANKIEWICZ, Stanislaw

Use of articulation tests in the expertise (a proposal for the standardization of methods). Otolaryngologia polska 15 no.3:307-314 '61.

1. Z Kliniki Otolaryngologicznej AM we Wrocławiu Kierownik: prof. dr med. W. Jankowski.

(HEARING TESTS)